of "red," "green," and "blue" pixels each exceeds a particular threshold and whether the pixel intensity levels all fall within a particular range, such as within 20 percent of each other. If all of the red, green, and blue pixels exceed a threshold and pass the ratio test, then it is determined that a white light source is being sensed and a "white" counter is incremented at 122. After all of the pixels in the frame have been processed, the process.tails flag is set to a "yes" state at 124. Control then passes to 118.

IN THE ABSTRACT:

Please replace the Abstract on page 25 with the following new Abstract:

-- A headlamp control system for a motor vehicle includes an imaging array sensor operable to sense light in a field of view forward of the motor vehicle and a control that is responsive to the imaging array sensor. The control is operable to identify at least one object of interest in the field of view by a spectral signature and/or a geometric organization of the object. The control is operable to control a headlamp of the motor vehicle in response to identifying the object as being at least one of a headlamp of another vehicle, a taillight of another vehicle, a traffic sign, a lane marker and a traffic light. The control may be operable to identify a headlamp and/or taillight of another vehicle in response to light sensed by the imaging array sensor during different exposure periods of the imaging array sensor. --

A new Abstract sheet is submitted herewith.

IN THE CLAIMS:

Please cancel claims 1-53 as originally filed. Please add the following new claims 54-86:

54. A headlamp control system for a motor vehicle comprising: